

EN User manual



pack. ref. : 0497.694


B'TWIN

Dear Customers,

Thank you for purchasing a B'TWIN electrically-assisted bike. It will introduce you to the joys of travelling on 2 wheels for your leisure, it will be the most practical and economical way for you to get around in town and will allow you to burn calories to keep fit.

We invite you to read this instruction manual to get the most out of your B'TWIN electrically-assisted bike.

Never forget that an electrically-assisted bike is not a moped. It needs your help to go further, faster and longer.

We suggest that you learn how to use your electrically-assisted bike in an open area in order to get used to the feel of the motor kicking in and thus ensure optimum control of your bicycle.

Only use sport mode for your first kilometres if you are sure that you are able to control your bike.

Here are the 10 commandments to get the best use of your B'TWIN electrically-assisted bicycle.

Important, this instruction manual only applies to the electrical characteristics of your bicycle.

You must refer to the B'TWIN user guide and warranty instructions and to the instructions for the 15 kg luggage rack used on all of our bikes which are provided with this document and which can also be found on our website www.btwin.com or by request from our DECATHLON stores.

10 best practices for getting the most out of your electrically-assisted bicycle

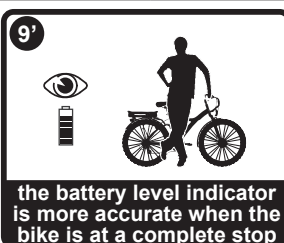
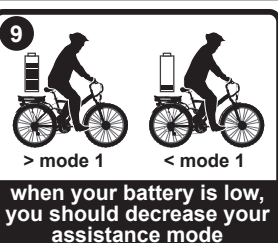
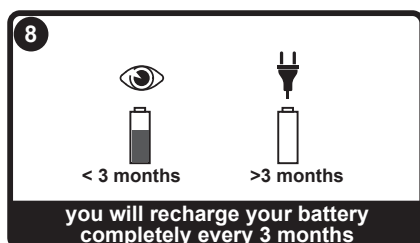
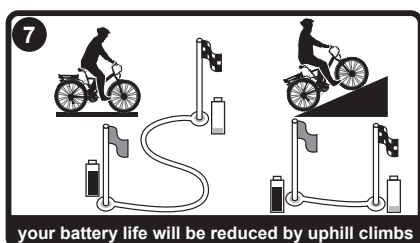
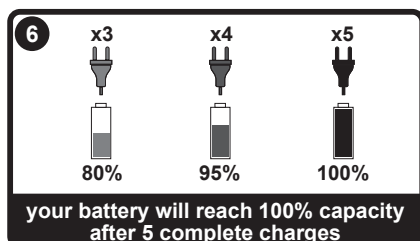
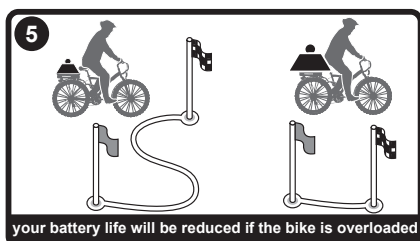
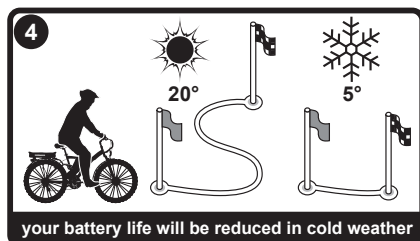
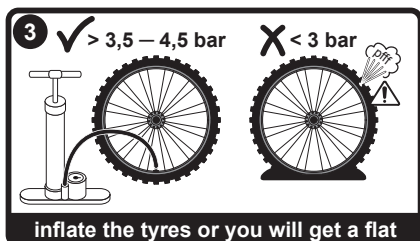
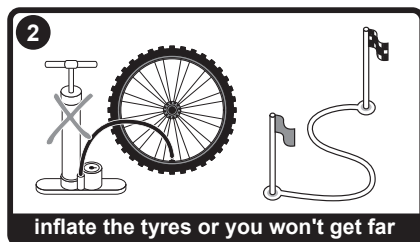
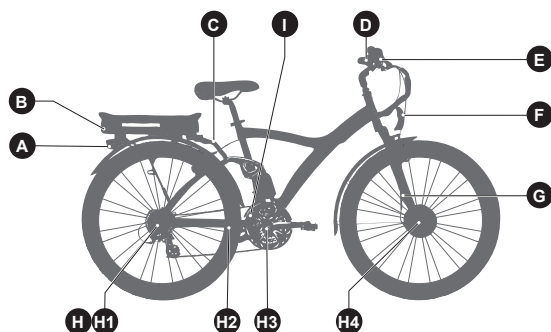


TABLE OF CONTENTS

PRODUCT DESCRIPTION	6
Electrically-assisted bike technical features	6
General operation of the electrical assistance	6
SCREEN AND CONTROL ELEMENTS	7
Screen description and operation (Type A)	7
Push-button description (Type B).....	8
Screen description and operation (Type C)	8
Screen description and operation (Type D)	9
BATTERY AND CHARGER	10
Precautions for use.....	11
Installing and removing the battery.....	13
Recharging the battery	14
Maintenance and lifetime (warranty conditions)	14
24 V battery self-diagnostic.....	15
Additional precautions for use	16
Maintenance	17
Contents of the commercial warranty for your electrically-assisted bike	18

PRODUCT DESCRIPTION

Electrically-assisted bike technical features



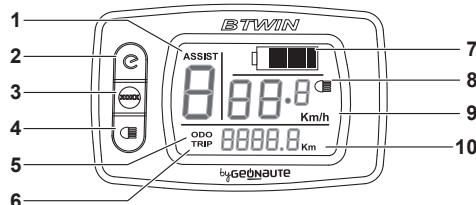
- A** Rear light
- B** Battery and controller
- C** Wiring harness: Control / Motor / Pedalling detector
- D** Control screen
- E** Braking detector
- F** Front light
- G** Motor wiring harness
- H** Motor - possible locations:
 - **H1** Rear
 - **H2** Chain drive
 - **H3** Central
 - **H4** Front
- I** Pedalling detector

General operation of the electrical assistance

The electrically-assisted bike can be used with or without assistance by pressing the ON/OFF button. Always lock the battery with the key when in use. The electrical assistance will only operate if you pedal. The assistance will switch off the moment either of the two brake levers is depressed or the speed reaches more than 25 km/h. It will then restart automatically when below 23 km/h. In order to preserve battery life, the bike is equipped with a "power" limiter that limits assistance when the motor is under heavy strain. During intensive use and in exceptional weather conditions, the assistance may switch off to safeguard the entire system.

SCREEN AND CONTROL ELEMENTS

Screen description and operation (Type A)





1		Assistance mode (0-1-2-3): "0" no assistance. "1" the default assistance mode. Each mode corresponds to the maximum assistance speeds given below***.			
Mode		0	1	2	3
Maximum assistance speeds		0 km/h	17 km/h	22 km/h	25 km/h
2		ON/OFF button: - Switch the electrically-assisted bike on and off by holding down. - Change the distance indicator (ODO/TRIP) with a short press.			
3		MODE button: - Select the assistance mode with a short press. - Reset the (TRIP) counter to zero by holding down.			
4		Lighting button: - Switch the bike and screen lights on and off.			
5	ODO	ODO: Total distance counter (in km) 0 - 99999 km. - By default, (ODO) mode appears on the screen.			
6	TRIP	TRIP: Partial distance counter (in km) 0 - 1000 km. - Reset by pressing on the (MODE) button.			
7		Battery level*: Five battery levels. - When the battery level is low, the indicator starts to flash.			
8		Speed indicator: km/h**			
9		Lighting indicator - The lighting indicator appears on the screen when the lights are on.			
10		Speed unit: km/h.			
		<i>- If a problem occurs, the display will indicate an error code. - In such cases, please contact your store.</i>			

* Check the battery charge indicator when stationary. In the event that heavy assistance is required, disparities may be noticed.

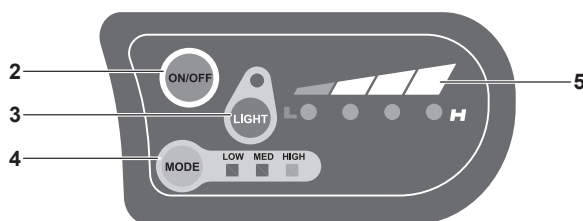
** The speed display accuracy is +/-2%.

*** Under logged test conditions.





Push-button description (Type B)

	<p>ON/OFF button: Switch the electrically-assisted bike on and off by pressing for 1 second. When the system is on, the ON/OFF button is lighted.</p>
	<p>Lighting button: Switch the bike lights on and off by pressing for 1 second. When the lights are on, the lighting button is lighted.</p>

Screen description and operation (Type C)



1	Assistance mode (0-1-2-3): Each mode corresponds to the maximum assistance speeds given below***:			
Mode	0	1	2	3
Maximum assistance speeds	0 km/h	15 km/h	20 km/h	25 km/h

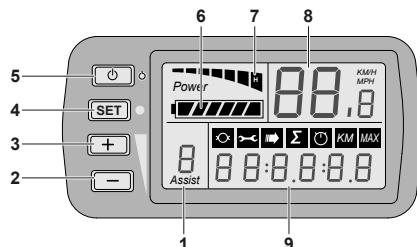
2		<p>ON/OFF button: Switch the electrically-assisted bike on and off with a short press on the ON/OFF button.</p>
3		<p>Lighting button: Switch the bike lights on and off.</p>
4		<p>MODE button: Select the assistance mode with a short press.</p>
5		<p>Battery level*: Four battery levels. When the battery level is too low: the indicator will start to flash.</p>


* Check the battery charge indicator when stationary. In the event that heavy assistance is required, disparities may be noticed.

** The speed display precision is +/-2%.

*** Under logged test conditions.

Screen description and operation (Type D)



1	 Assist	Assistance mode: Pedalling assistance: Select the assistance mode between 1 and 6 with the "+" and "-" buttons.					
Mode	0	1 (by default)	2	3	4	5	6
Maximum assistance speeds***	/	6 km/h	10 km/h	14 km/h	18 km/h	20 km/h	25 km/h











Pedestrian mode:






Maintains the bike at a maximum speed of 6 km/h.

Select an assistance mode between 1 and 6.

Hold down the "+" button to start the motor without pedalling.

The assistance will switch off when the button is released or when a brake is depressed.

2		"-" button: decrease the assistance mode / settings.
3		"+" button: increase the assistance mode / settings.
4		SET button: A short press of the SET button allows the successive display of the following functions:
 Shuffle mode: The previous 4 functions are displayed successively.		
 Total distance: Total distance covered by bike. Resetting to zero is not possible.		
 Trip time: The time elapsed since the last reset. Hold down the "-" button for 2 seconds.		
 Trip distance: The distance travelled (km) since the last reset. Hold down the "-" button for 2 seconds.		
 Maximum speed: Maximum travel speed.		
 Tyre size: Press and hold SET for 10 seconds, then set the tyre size with "+" or "-".		
 If there is a problem this symbol will light up and display an error code. In such cases, please contact your store.		

5		Classic on/off button: Switch the electrically-assisted bike on and off by holding down. A short press will switch the lights on and off. Lighting: The lighting indicator appears on the screen when the lights are on.
6		Battery level: Five battery levels. When the battery level is too low, the indicator starts to flash.
7		Indicates immediate consumption.
8		Speed indicator.
9		Total/Partial Counter.

Reset:

Select the reset to "zero" function with the "SET" button, then hold down the button for 4 seconds.

* Check the battery charge indicator when stationary. In the event that heavy assistance is required, disparities may be noticed.

** The speed display precision is +/-2%.

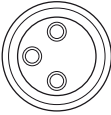


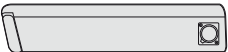
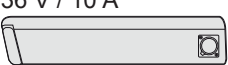
*** Under logged test conditions.

BATTERY AND CHARGER

All of our electric bike batteries use lithium-ion technology and are not subject to the memory effect.

Recharging the battery after each use is recommended.

Charge the battery to 100% prior to its first use.




Bicycle	Battery	Charger
Tilt-e	Battery 24 V / 10 A *	Input: 100-240 V Output: 29.4 V 
Original 700e		
Bebike 500	Battery 24 V / 8 A *	Input: 100-240 V Output: 42 V 
Bebike 700	36 V / 8 A ** 	
Bebike 900	36 V / 10 A ** 	

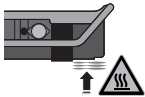








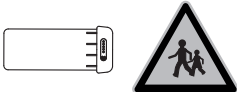


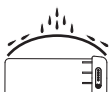

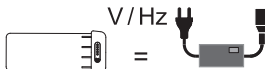





* At the time of purchase, your 24 V battery is inactive. Plug in your charger to activate it.

** A switch is located under the 36 V battery.

Precautions for use

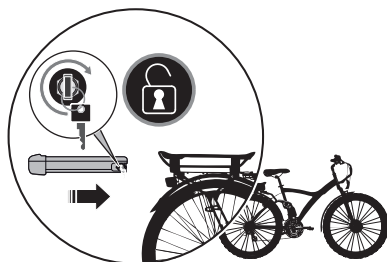
	+50°	Do not expose to temperatures exceeding 50°C.		
		< +10°C	+10°C / +50°C	> +50°C
	+10°C +25°C	Storage conditions: It is essential to store the battery charged and in a dry, cool place (between +10°C and +25°C), out of sunlight.		
		< +10°C	+10°C / +25°C	> +25°C
	+10°C +40°C	Charge your battery in a dry environment at a temperature of between +10°C and 40°C.		
		< +10°C	+10°C / +40°C	> +40°C

	Important: Under certain exceptional conditions, the controller may reach high temperatures.
	Never dismantle it.
	Do not dispose of it in inappropriate containers.
	Risk of fire.
	Risk of electrocution.
	To be handled with care. Product is sensitive to impacts.
	Never short-circuit the battery by connecting the positive and negative terminals.

	<p>Never permit children to play with or handle the battery.</p>
	<p>Do not immerse in water.</p>
	<p>Do not clean using a high-pressure washer.</p>
	<p>Rain resistant.</p>
<p>x : 1..... 500</p> 	<p>Your battery can be completely charged and drained 500 times.</p>
<p>V / Hz</p> 	<p>Always make sure that the battery and charger are compatible.</p>
<p>+100 V / +240 V</p> 	<p>Always ensure the charger is compatible with the local electrical grid: Voltage: 100 V, 240 V maximum.</p>
<p>+50 Hz / +60 Hz</p> 	<p>Frequency: 50 Hz minimum, 60 Hz maximum.</p>
	<p>For indoor use only.</p>
 	<p>Any failure to comply with the precautions for use will void the manufacturer warranty.</p>

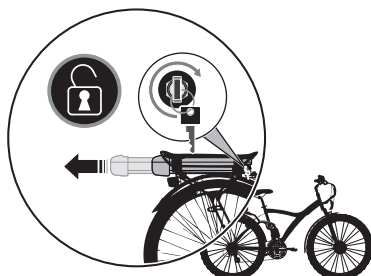
Installing and removing the battery

Insertion:



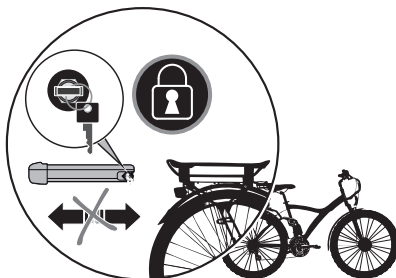
Prior to inserting your battery into its slot, unlock it using the key, and check that there are no foreign objects or matter in the battery sheath. Next, for 36 V batteries, toggle on the power switch.

Removal:



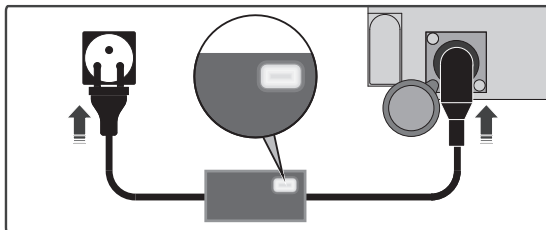
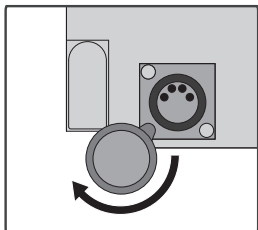
Prior to removing your battery from its slot, unlock it using the key. For 36 V batteries, toggle off the power switch. Then remove your battery by pulling it.

Important notes:

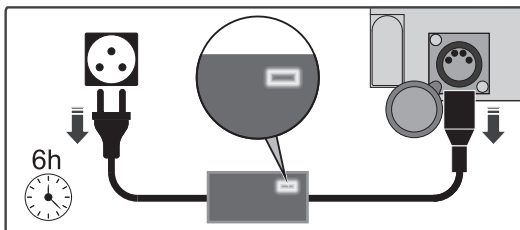


Do not attempt to insert or remove your battery when the lock is locked (horizontal position): This may break the security lock on your battery.

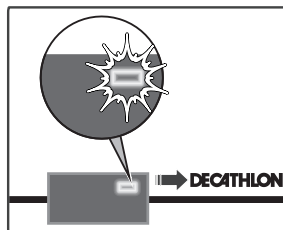
Recharging the Battery



Orange LED when charging starts.



Green LED when charging is complete.

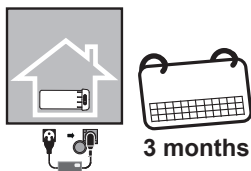


Flashing Orange LED,
problem during charging,
contact after-sales service.

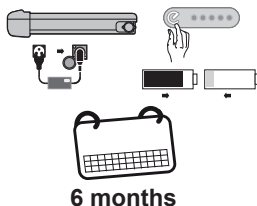
Maintenance and lifetime (warranty conditions)



Never store the battery discharged (1 flashing green LED) to avoid any deep discharge which could lead it to malfunction.

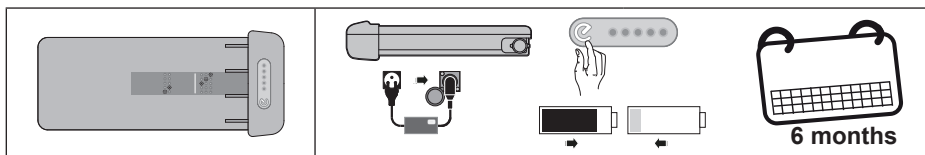


In cases of extended storage, recharge the battery once every 3 months.



To guarantee an accurate indication of your battery status (when the status indication button is pressed), we advise you to fully charge it every 6 months and then completely discharge it (this operation "calibrates" the battery status).

24 V battery self-diagnosis



	11% - 20%	
	21% - 40%	
	41% - 60%	
	61% - 80%	
	81% - 100%	

		<p>Battery recharge is needed urgently</p>
	Undervoltage protection	


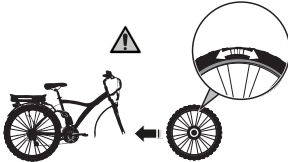

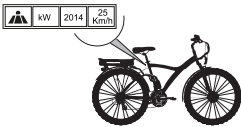

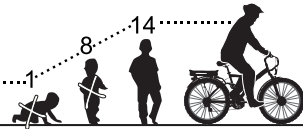
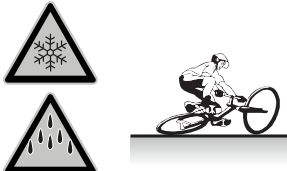
	temperature protection	<p>DECATHLON</p> <p>Return your battery to your after-sales service</p>
	short circuit protection	
	other protection	

LED off

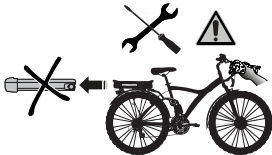


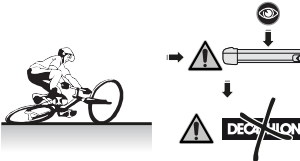
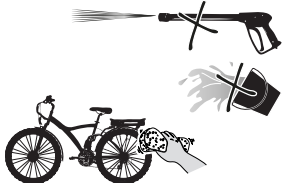
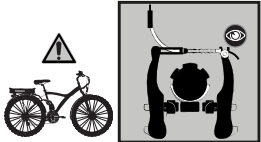
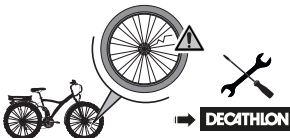
LED on

LED flashing

Additional precautions for use

	<p>Always carry out maintenance operations in sufficient light.</p>
	<p>Warning, in the event of wheel removal, you must ensure the direction of rotation of your wheel is correct.</p>
	<p>Before each use, ensure your brakes are operating correctly.</p>
	<p>The weight, power, manufacturing year and maximum speed are indicated on your bicycle's frame.</p>
	<p>Always wear a helmet when riding your bike.</p>
	<p>These electric bikes are designed for persons aged 14 and over.</p>
	<p>Caution: in rain, frost, or snow, you may have less tyre traction.</p>

Maintenance

	<p>All cleaning and electrical or mechanical maintenance must be carried out with the power switched off and the battery removed from the bike!</p>
	<p>We advise you to bring your electrically-assisted bike back to your DECATHLON store for its 6-month service.</p>
	<p>You must refer to the B'twin user guide and warranty instructions that are shared by all of our bikes and which are provided with this document. They can also be found on our website www.btwin.com or by request from our DECATHLON stores.</p>
	<p>If the bike or battery suffers a fall, check that your battery is intact. Caution: the watertightness of your battery is no longer guaranteed following a fall.</p>
	<p>Prohibited: cleaning using a high-pressure jet. Not recommended: cleaning under running water. Recommended: cleaning using a damp sponge.</p>
	<p>The rims are subject to wear which must be checked to ensure they are intact.</p>
	<p>The motorised wheel is also subject to higher stress than a standard bike wheel, and although it is reinforced, it is possible that spokes may break. If a spoke breaks, contact your DECATHLON store.</p>

Contents of the commercial warranty for your electrically-assisted bike

Please ensure that you keep your invoice as proof of purchase.

The bike frame is covered under a lifetime warranty and a 2-year warranty covers parts subject to normal wear.

The warranty does not cover damage resulting from misuse, from a failure to respect the precautions for use, from accidents, from improper use or from commercial use of the bike.

This bike is for personal use only and not for professional use.

The warranty does not cover damage resulting from repairs carried out by persons not authorised by Decathlon.

Each electronic component is permanently sealed. Opening one of these components (battery, battery sheath, controller, screen, motor) may cause physical injury to persons or damage to the system. Opening or modifying a component in the system will void the warranty for the bike.

The warranty does not cover cracked or broken screens showing visible signs of impacts.

FURTHER DETAILS REGARDING THE LIFETIME WARRANTY ON B'twin BIKES, purchased as of 1 June 2013.

B'twin brand bikes are products designed to provide complete satisfaction to their users. For this reason, B'twin wishes to commit to the quality and durability of its bikes.

Within this context, B'twin offers its clients a lifetime warranty which exclusively covers the following non-carbon parts: frames, rigid forks (non-suspension forks), handlebars and stems fitted to B'twin brand bikes.

This warranty begins on the date of purchase of (a) B'twin brand bike(s).

It is specified that, for the lifetime warranty to be valid, the buyer must:

- either have a DECATHLON store loyalty card and register his/her purchase on it at the time of checkout,
- or complete the warranty certificate available online on the www.btwin.com site within one month of the purchase date. During this registration, the buyer must provide the following information: last name, first name, purchase date, e-mail address, and bicycle tracking number.

By virtue of this warranty, B'twin offers either the replacement by an equivalent of the frame, rigid fork, handlebars or stem, or their repair, within a reasonable time period, after being brought to a DECATHLON retail store repair shop. It is specified that travel and transportation costs remain the responsibility of the customer.

However, this contractual obligation will not apply in the event of poor maintenance or misuse of B'twin bikes, as defined in the user manual of the product in question.

To benefit from the warranty covering one of the parts listed above, you must simply visit the repair shop of a DECATHLON retail store, bringing either your DECATHLON store loyalty card or your warranty certificate with you.

B'twin reserves the right to verify that all conditions of the lifetime warranty have been met and to implement all due necessary measures to verify this.

It is also specified that the lifetime warranty does not exclude the application of the legal guarantee(s) provided for under the French Consumer Code (*Code de la consommation*) and Civil Code (*Code civil*), namely:

- Article L. 211-4 of the Consumer Code: "The seller must deliver goods in conformity with the contract and take responsibility for any lack of conformity present at the time of delivery. The seller is also held liable for any lack of conformity caused by the packaging, the assembly instructions or the installation if he/she was made responsible for the latter under the contract or if it was conducted under his/her responsibility".
- Article L. 211-5 of the Consumer Code: "To be compliant with the contract, goods must:
 1. Be suitable for the use normally expected for similar goods and, if necessary:
 - match the description provided by the seller and possess the qualities that he/she presented to the buyer in the form of a sample or a model;
 - display the qualities that a buyer can legitimately expect in view of public statements made by the seller, the producer, or his/her representative, notably in advertising or labelling;
 2. Or display the features defined by a mutual agreement between the parties or be suitable for any special use sought by the buyer, made known to, and agreed upon by, the seller".
- Article L. 211-12 of the Consumer Code: "Legal action prompted by lack of conformity lapses two years after the date of delivery of the goods."
- Article 1641 of the Civil Code: "The seller is bound to the warranty on account of hidden defects of the item sold which render it unfit for the use for which it was intended, or which so impair that use that the buyer would not have acquired it, or would only have paid a lesser price for it, had he/she been aware of them."
- Article 1648 paragraph 1 of the Civil Code: "Legal action prompted by unacceptable defects must be brought by the buyer within a period of two years from the date of discovery of the defect".





oxylane

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